

Product datasheet for **SC113159**

CTNNBIP1 (NM_020248) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CTNNBIP1 (NM_020248) Human Untagged Clone
Tag:	Tag Free
Symbol:	CTNNBIP1
Synonyms:	ICAT
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113159 sequence for NM_020248 edited (data generated by NextGen Sequencing)

```
ATGAACCGCGAGGGAGCTCCCGGAAGAGTCCGGAGGAGATGTACATTGACAGAAAGGTC
CGAGTGTGCTCATGCTGCGGAAGATGGGATCAAACCTGACAGCCAGCGAGGAGGAGTTC
CTGCGCACCTATGCAGGGTGGTCAACAGCCAGCTCAGCCAGCTGCCTCCGCACTCCATC
GACCAGGGTGCAGAGGACGTGGTATGGCGTTTTCCAGGTCGGAGACGGAAGACCGGAGG
CAGTAG
```

Clone variation with respect to NM_020248.2

5' Read Nucleotide Sequence:

```
>OriGene 5' read for NM_020248 unedited
GTTTCGGATTTGTACACGATTCACTATAGCGGCCGCGAATTCGCACGAGGCCCTCCCCTC
ACAGTTGAGCACCTGTTTGCCTGAAGTTAATTTCCAGAAGCAGGAGTCCCAGAGCCAGG
CAGGGGGATGAACCGCGAGGGAGCTCCCGGAAGAGTCCGGAGGAGATGTACATTGACGA
GAAGGTCCGAGTGTGCTCATGCTGCGTGTATGGGATCAAACCTGACAGCCAGCGAGG
AGGAGTTCCTGCGCACCTATGCAGGGTGGTCAACAGCCAGCTCAGCCAGCTGCCTCCGC
ACTCCATCGACCAGGGTGCAGAGGACGTGGTATGGCGTTTTCCAGGTCGGAGACGGAAG
ACCGGAGGCAGTAGCTGCAAAGCCCTTGAACACCCTGGATGCTGTTGAGGGCCAAGAGA
TCTGTGTGGCTCCTGGGCCGGCTGAGTGGCAGCAGCCCCCTTGCCCCACCTCCCCTTC
CCCTACCAACCCTGCCCTGCCCAACCCACCTCACAGCTACTCAGTGGGGCTGGCATCA
AGGGAGACACCAGTGGTGCCTTTATAATTGGCTTAAAGGGATGGACTTGTGATTGGCTGC
AGGAAGAAACTNTTTTATTTTTTAAATCTTGACCAACAGAAACCTTTATTTTTATTTCT
GACTCTTATTTTTTAAAAATTTGCGCCTCGGTATCTGGCTTCCCTGGAAGCTCTCCGAG
CTCTGGTGCTNTAGTTAGGTCATNTTTTTAAAAATGTGAAGAGGCTCTGATTGGCTGCTTA
AACTGGAAGGATCTGTGATTGGCTGGTTAATGGGAAACGGTTTTTTCTTTGGCTGCAGT
TGTTCTGCTGATATCAACAGCTTCCCTATTTTGAATGCAGAAAACAGGTCTGGGACATT
AGTCGGTATATTTGACTTTGAAAGAAAGN
```



[View online »](#)

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_020248 unedited GACCGCGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTCACGAACCTATGAAAAT TCTTTATTGTTAATTTCTTTCTCCAACAGATATATTTTTAGTTGAAATATGGAGCCACAG CAACACTTTGACTTTTCTCTTCAGAAGATGAGACAGGCCGGGTTCATCATTGTTACAAA AGCAAGGCCTGTGATCGTGACAAGGACAGGCTGGGGCAGAGACCACACGCTCAACCAGGT ATCCACCAGGTGTGGGCCCTTTATAGGAGCTACAAAGAGGGGGCAGCCAGCAATGTGGCC TCGACACCTGACTCCAGGCACTCCGACCTGGAGGAGGGAGATGAAAGAACTCACCTTTCC CCAGGGGCTCAGCCAGACCTCCAGGCCCTGAGCGGGGAGAGTGCGTGTGTGCACATG TGTATGAGTGTGCACACGGGTGTGCTCACTCACACAGCAGCATGCACACATGCGCTGCCCC TCCTGAGATGCTCTCAGGTCCCTGCCAGGGTAGGGTTGTAGCTGTGTTCCCCACAGCTGA CTGTGAGTAACCAAGGGCTAGGGGTGAGTGCATGGTGGAGGACACAGGGTCTTAGCTGA TGCTCGAATCCTCTTCTGAAACAGGCTGATGGTGCCAGAGCACAGCACGAACCCTAC CCACCATGGGGCTCTCCAGGGCTCGGCCATTTGGCTCCTGTGCACTTTATGACACTCAGG AGCCCCACGGCCCGAGCCCAACCCCGAGAAAGCGGAAAGATATTGGTCTGACCAGTCC CCACTGGCCCTGGTGCACCTACGGGCCCTCACATCTACCACCCTTATGCGATGGTTGGC CGCCCCCTCCCTGAAGACTGCATNTTTTACACCCGCTTCCAGATTCCACACCTGC CATGGAGCCACGGGAGACAGGAAGACCCTTCTCCCATGCAAGGTGGTGGACAGGCGG
Restriction Sites:	NotI-NotI
ACCN:	NM_020248
Insert Size:	2850 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_020248.2 , NP_064633.1
RefSeq Size:	2995 bp
RefSeq ORF:	246 bp
Locus ID:	56998
UniProt ID:	Q9NSA3
Cytogenetics:	1p36.22
Protein Families:	Druggable Genome, Transcription Factors
Protein Pathways:	Wnt signaling pathway

Gene Summary:

The protein encoded by this gene binds CTNNB1 and prevents interaction between CTNNB1 and TCF family members. The encoded protein is a negative regulator of the Wnt signaling pathway. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein.